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## **Taiyo Circuit Automation Installation of a New DP3500 Coater Into the UK**

Taiyo Circuit Automation is proud to have partnered with eXception PCB, a leading printed circuit board manufacturer based out of Tewkesbury, UK to install the first Taiyo Circuit Automation DP3500 coater into the UK.

The DP3500 coater is a semi-automatic double-sided screen printer. The DP3500 comes with the new Smart Print System which delivers superb quality with minimal panel thickness of 1 mil combined with a toolless magnetic gripper system that torsions the panel as it prints. Additionally, the new HMI Touch Screen, Differential Print Pressure Control System and Servo Controlled Peel Off features now come as standard. eXception's new DP3500 is combined with Taiyo America's PSR-4000, the global leading solder mask system, to complete the "Taiyo Zone" print room at eXception.

"eXception has been a long-standing partner of Taiyo Circuit Automation, having had a DP2500 for many years. This new coater will support eXception's continued growth into new technology sectors. The DP3500, with its new multi programmable settings for panel type, size and thickness, and with extraordinary print quality, when combined with Taiyo's PSR-4000 solder mask is a winning combination as demonstrated by thousands of customers worldwide. Taiyo, as the largest supplier of solder mask in the world, can now leverage the global recognition of Taiyo Circuits Automation's coaters and ovens. This is the perfect solution for PCB manufacturers," said Stuart Down, EMEA Sales Manager for Taiyo Europe.

"The entire installation process went very well with very little down time as we transitioned from the old coater to the new DP3500. Taiyo Circuit Automation's engineers were on site with support from Viking Test agents based in the UK provided outstanding support during the transition," said Kamal Berberi, Director of Operations for eXception PCB. "Our throughput has doubled through the department with this new coater, the solder mask tolerances across the panel have greatly improved due to the smart print system, and we are now looking ahead to working with Taiyo on their new PSR-4000 HH01XR DI melamine free system to address some of the new regulations coming out of ECHA and REACH," said Jamie Ashton, Head of department for eXception PCB.



Taiyo Circuit Automation, Inc. was established as a subsidiary of Taiyo America, Inc in 2020, in Carson City, NV. We design and manufacture the world's finest dual-sided solder mask coating and vertical drying equipment. We have served the printed circuit industry with highly reliable innovative machinery, engineered to exceed expectations.

eXception PCB, established in 1977 and founded in Cheltenham, Gloucestershire. We are a European time critical, and technology driven printed circuit board manufacturer. Specializing in quick-turn, low to medium volume, standard multi-layer, flex, flex-rigid and High-Density Interconnection (HDI) solutions for a wide range of industries including aerospace, medical, telecommunications, defense and automotive.

